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## Personal Adaptive Web agent: a tool for information filtering

[Khan, I.](#) [Card, H.C.](#)

Dept. of Electr. &amp; Comput. Eng., Manitoba Univ., Winnipeg, Man., Canada;

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### Abstract:

This paper highlights the problem of information overload and recall on the Web. It briefly mentions four categories of solutions which are: Search Engines, Personal Homepages, Information Management Tools, and Information Retrieval Agents. This paper also presents our own framework of a Personal **Adaptive Web** (PAW); its current results. Our **agent** uses a real-time database, automatic text analysis, competitive learning network, and fuzzy logic to learn the different categories of documents that the user is interested in, then finds and suggests new similar documents.

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